

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/876,942-Conf. #9076
				Filing Date	June 8, 2001
				First Named Inventor	Charles A. Porter
				Art Unit	2176
				Examiner Name	W. L. Bashore
Sheet	1	of	5	Attorney Docket Number	283108005US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-7,162,691	1/9/2007	Chatterjee et al.	
		US-7,080,064	7/18/2006	Sundaresan	
		US-6,981,002-A1	12/27/2005	Nunez	
		US-6,959,326	10/25/2005	Day et al.	
		US-6,938,034	8/30/2005	Kraft et al.	
		US-6,931,397	8/16/2005	Sundaresan	
		US-6,895,402	5/17/2005	Emens et al.	
		US-6,865,593	3/8/2005	Reshef et al.	
		US-6,859,213	2/22/2005	Carter	
		US-6,819,339	11/16/2004	Dowling	
		US-6,816,858	11/9/2004	Coden et al.	
		US-6,785,688	8/31/2004	Abajian et al.	
		US-6,782,427	8/24/2004	Van Andel et al.	
		US-6,782,391	8/24/2004	Scher	
		US-6,760,721	7/6/2004	Chasen et al.	
		US-6,718,328	4/6/2004	Norris	
		US-6,711,590	3/23/2004	Lennon et al.	
		US-6,681,227	1/20/2004	Kojima et al.	
		US-6,675,174	1/6/2004	Bolle et al.	
		US-6,658,402	12/2/2003	Dutta	
		US-6,651,058	11/18/2003	Sundaresan et al.	
		US-6,643,661	11/4/2003	Polizzi et al.	
		US-6,638,317	10/28/2003	Nakao et al.	
		US-6,605,120	8/12/2003	Fields et al.	
		US-6,598,051	7/22/2003	Wiener et al.	
		US-6,594,694	7/15/2003	Najork et al.	
		US-6,594,662	7/15/2003	Sieffert et al.	
		US-6,587,127	7/1/2003	Leeke et al.	
		US-6,567,800	5/20/2003	Barrera et al.	
		US-6,556,983	4/29/2003	Altschuler et al.	
		US-6,549,922	4/15/2003	Srivastava et al.	
		US-6,547,829	4/15/2003	Meyerzon et al.	
		US-6,539,382	3/25/2003	Byrne et al.	
		US-6,523,000	2/18/2003	Ando et al.	
		US-6,519,603	2/11/2003	Bays et al.	
		US-6,519,564	2/11/2003	Hoffberg et al.	
		US-6,516,337	2/4/2003	Tripp et al.	
		US-6,498,897	12/24/2002	Nelson et al.	
		US-6,493,720	12/10/2002	Chu et al.	
		US-6,490,585	12/3/2002	Hanson et al.	
		US-6,470,307	10/22/2002	Turney et al.	
		US-6,424,966	7/23/2002	Meyerzon et al.	
		US-6,421,675	7/16/2002	Ryan et al.	
		US-6,411,952	6/25/2002	Bharat et al.	
		US-6,411,724	9/12/2000	Vaithilingam et al.	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/876,942-Conf. #9076
				Filing Date	June 8, 2001
				First Named Inventor	Charles A. Porter
				Art Unit	2176
				Examiner Name	W. L. Bashore
Sheet	2	of	5	Attorney Docket Number	283108005US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-6,377,995-A1	4/23/2002	Agraharam et al.	
		US-6,327,574	5/29/2001	Kramer et al.	
		US-6,321,200	11/20/2001	Casey	
		US-6,314,456	11/6/2001	Van Andel et al.	
		US-6,310,601	10/30/2001	Moore et al.	
		US-6,282,549	8/28/2001	Hoffert et al.	
		US-6,282,548	8/28/2001	Burner et al.	
		US-6,275,820	8/14/2001	Navin-Chandra et al.	
		US-6,256,623	7/3/2001	Jones	
		US-6,249,844	6/19/2001	Schloss et al.	
		US-6,240,416	5/29/2001	Immon et al.	
		US-6,208,988	3/27/2001	Schultz	
		US-6,192,382	2/20/2001	Lafer et al.	
		US-6,175,829	1/16/2001	Li et al.	
		US-6,173,287	1/9/2001	Eberman et al.	
		US-6,157,924	12/5/2000	Austin	
		US-6,138,162	10/24/2000	Pistriotto et al.	
		US-6,134,548	10/17/2000	Gottzman et al.	
		US-6,131,095	10/10/2000	Low et al.	
		US-6,128,627	10/3/2000	Mattis et al.	
		US-6,098,064	8/1/2000	Pirolli et al.	
		US-6,094,684	7/25/2000	Pallmann	
		US-6,092,118	7/18/2000	Tsang	
		US-6,092,100	7/18/2000	Berstis et al.	
		US-6,092,072	7/18/2000	Guha et al.	
		US-6,081,774	6/27/2000	de Hita et al.	
		US-6,067,565	8/19/2003	Horvitz, Eric	
		US-6,067,552	5/23/2000	Yu	
		US-6,065,058	5/2/2000	Hailpern et al.	
		US-6,061,692	5/9/2000	Thomas et al.	
		US-6,055,543	4/25/2000	Christensen et al.	
		US-6,044,375	3/28/2000	Shmueli et al.	
		US-6,038,610	3/14/2000	Belfiore et al.	
		US-6,038,561	3/14/2000	Snyder et al.	
		US-6,035,330	3/7/2000	Astiz et al.	
		US-6,026,413	2/15/2000	Challenger et al.	
		US-6,026,391	2/15/2000	Osborn et al.	
		US-6,012,126	1/4/2000	Aggarwal et al.	
		US-6,009,271	12/28/1999	Whalley	
		US-6,006,264	12/21/1999	Colby et al.	
		US-6,006,242	12/21/1999	Poole et al.	
		US-5,999,664	12/7/1999	Mahoney et al.	
		US-5,987,466	11/16/1999	Greer et al.	
		US-5,983,237	11/9/1999	Jain et al.	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			Application Number	09/876,942-Conf. #9076	
			Filing Date	June 8, 2001	
			First Named Inventor	Charles A. Porter	
			Art Unit	2176	
			Examiner Name	W. L. Bashore	
Sheet	3	of	5	Attorney Docket Number	283108005US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-5,983,218	11/9/1999	Syeda-Mahmood	
		US-5,974,409	10/26/1999	Sanu et al.	
		US-5,956,722	9/21/1999	Jacobson et al.	
		US-5,956,484	9/21/1999	Rosenberg et al.	
		US-5,946,697	8/31/1999	Shen	
		US-5,935,210	8/10/1999	Stark	
		US-5,930,783	7/27/1999	Li et al.	
		US-5,924,116	7/13/1999	Aggarwal et al.	
		US-5,920,859	7/6/1999	Li	
		US-5,920,856	7/6/1999	Syeda-Mahmood	
		US-5,918,232	6/29/1999	Pouschine et al.	
		US-5,915,001	6/22/1999	Uppaluru	
		US-5,907,837	5/25/1999	Ferrel et al.	
		US-5,895,471	4/20/1999	King et al.	
		US-5,892,919	4/6/1999	Nielsen	
		US-5,892,843	4/6/1999	Zhou et al.	
		US-5,875,332	2/23/1999	Wang et al.	
		US-5,870,755	2/9/1999	Stevens et al.	
		US-5,761,436	6/2/1998	Nielsen	
		US-5,684,999	11/4/1997	Okamoto	
		US-5,491,511	2/13/1996	Odle	
		US-5,467,471	11/14/1995	Bader	
		US-5,339,434	8/16/1994	Rusis	
		US-20040030683	2/12/2004	Evans et al.	
		US-20030028654-A1	2/6/2003	Abjanic et al.	
		US-20020174147-A1	11/21/2002	Wang et al.	
		US-20020099700	7/25/2002	Li	
		US-20020078014	6/20/2002	Pallmann	
		US-20020078003	6/20/2002	Krysiak et al.	
		US-20020059184-A1	5/16/2002	Ilan et al.	
		US-20020052928	5/2/2002	Stern et al.	
		US-20020035573-A1	3/21/2002	Black et al.	
		US-20020024532-A1	2/28/2002	Fables et al.	
		US-20020010798-A1	1/24/2002	Ben-Shaul et al.	
		US-20010044719	11/22/2001	Casey	
		US-7,181,444	02-20-2007	Porter et al.	
		US-6,941,300	09-06-2005	Jensen-Grey	
		US-6,877,002	04-05-2005	Prince	
		US-6,847,977	01-25-2005	Abajian	
		US-6,842,761-A1	01-11-2005	Diamond et al.	
		US-20070130131	06-07-2007	Porter et al.	
		US-20050193014	09-01-2005	Prince	
		US-20050187965	08-25-2005	Abajian	
		US-20050177568	08-11-2005	Diamond et al.	
		US-20050038809	02-17-2005	Abajian et al.	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Application Number	09/876,942-Conf. #9076
				Filing Date	June 8, 2001
				First Named Inventor	Charles A. Porter
				Art Unit	2176
				Examiner Name	W. L. Bashore
Sheet	4	of	5	Attorney Docket Number	283108005US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-20040064500	04-01-2004	Kolar et al.	
		US-20040030681	02-12-2004	Shannon et al.	
		US-20020103920	08-01-2002	Berkun et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		WO-9722069	6/19/1997	Digital Equipment Corp		
		WO-0133428	5/10/2001	Alta Vista Company		
		WO-0068839	11/16/2000	Search Mechanics Inc		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author ( in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, jour <sup>n</sup> al, serial, symposium, catalog, etc.), date, page(s) , volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
		Bowman, et al. "The Harvest Information Discovery and Access System", <i>Computer Networks and ISDN Systems</i> , North Holland Publishing Vol. 28, No. 1, pages 119-125, December 1995.		
		European Supplemental Search Report; European Patent Application No. 01 988 143.2; Filed November 20, 2001; Applicant: Thomas Licensing S.A., Mailed December 28, 2004, 2 pages.		
		European Supplemental Search Report; European Patent Application No. 01 988 150.7; Filed November 20, 2001; Applicant: Thomas Licensing S.A., Mailed December 28, 2004, 3 pages.		
		Fiedler, et al. "Using the Web Efficiently: Mobile Crawlers", <i>17th Annual International Conference of the Association of Management on Computer Science</i> , pg. 324-329, August 1999.		
		International Search Report; International Patent Application No. PCT/US01/43305; Filed November 20, 2001; Applicants: Kolar et al., Mailed September 9, 2002, 2 pages.		
		International Search Report; International Patent Application No. PCT/US01/43247; Filed November 20, 2001; Applicant: Singfish.com, Mailed April 18, 2008, 2 pages.		
		International Search Report; International Patent Application No. PCT/US01/43303; Filed November 20, 2001; Applicant: Singfish.com, Mailed May 15, 2002, 3 pages.		
		International Search Report; International Patent Application No. PCT/US01/43248; Filed November 20, 2001; Applicant: Singfish.com, Mailed May 30, 2002, 2 pages.		
		Koster. "Robots in the Web: Threat or Treat?" Available at < <a href="http://www.robotstxt.org/wc/threat-or-treat.html">http://www.robotstxt.org/wc/threat-or-treat.html</a> >, April 1995.		
		Mauldin. "Lycos: design choices in an Internet search service," <i>IEEE Expert IEEE USA</i> , Vol.		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	09/876,942-Conf. #9076
				Filing Date	June 8, 2001
				First Named Inventor	Charles A. Porter
				Art Unit	2176
				Examiner Name	W. L. Bashore
Sheet	5	of	5	Attorney Docket Number	283108005US

		12, No. 1, January 1997, pages 8-11, IEEE USA.	
		Podlipnig et al. "A Survey of Web Cache Replacement Strategies", ACM Computing Surveys, Vol. 35, No. 4, December 2003, pp 374-398.	
		U.S. Provisional Patent Application No. 60/208,954; Filed May 31, 2000; 7 pages.	
		U.S. Provisional Patent Application No. 60/221,750; Filed August 31, 2003; 112 pages.	
		Swain. "Searching for Multimedia on the World Wide Web", Cambridge Research Library, Technical Report Series. March 1999, 14 pages.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.